



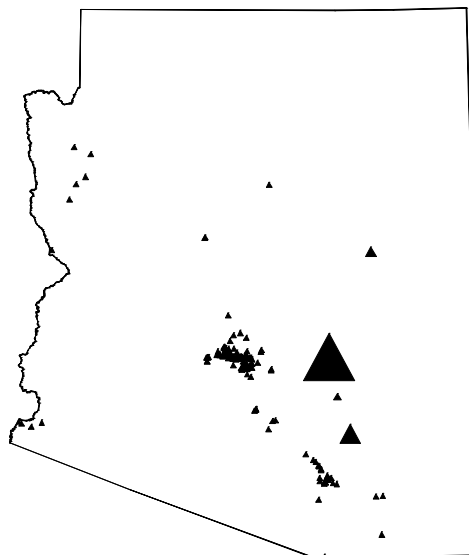
1997 TOXICS RELEASE INVENTORY

ARIZONA

State/TRI Data

| | |
|------------------|-----------|
| Population | 4,553,249 |
| Square Miles | 113,642 |
| Total Facilities | 205 |
| Total Forms | 538 |
| Form As | 92 |

| | |
|--|-------------|
| National Rank for Total On- and Off-site Releases <i>(includes transfers out-of-state for disposal)</i> | |
| Rank | 27 |
| Pounds | 31,418,499 |
| National Rank for Total On-site Releases <i>(includes quantities released at the facility; excludes quantities transferred to other sites for disposal)</i> | |
| Rank | 23 |
| Pounds | 30,984,428 |
| National Rank for Total Releases within State <i>(excludes transfers out-of-state for disposal)</i> | |
| Rank | 26 |
| Pounds | 31,627,992 |
| National Rank for Production-related Waste Managed | |
| Rank | 27 |
| Pounds | 302,938,427 |



The largest triangle appearing in the state map represents the largest facility for on-site releases in the state of Arizona. All triangles are proportionally-sized to represent the amounts of releases at each facility within this state.

Reported Releases and Waste Management Activities

| | Pounds |
|---|--------------------|
| On-site Releases | 30,984,428 |
| Air Emissions | 8,870,245 |
| Surface Water Discharges | 4,618 |
| Underground Injection Class I Wells | 6 |
| Underground Injection Class II-V Wells | 0 |
| On-site Land Releases to RCRA Subtitle C Landfills | 0 |
| Other On-site Land Releases | 22,109,559 |
| Off-site Releases (Transfers Off-site to Disposal) | 434,071 |
| Total On- and Off-site Releases | 31,418,499 |
| Recycled On-site | 201,656,876 |
| Recycled Off-site | 54,239,088 |
| Energy Recovery On-site | 1,157,897 |
| Energy Recovery Off-site | 832,659 |
| Treated On-site | 8,843,621 |
| Treated Off-site | 4,915,653 |
| Quantity Released On- and Off-site | 31,292,633 |
| <i>(excludes non-production-related releases; e.g. releases due to catastrophic events or remedial actions)</i> | |
| Total Production-related Waste Managed | 302,938,427 |
| Total Non-production-related Waste Managed | 148,978 |

Top Five Chemicals for Total Releases In State

| CAS Number | Chemical | On-site Releases | | | | | | Off-site Releases (Transfers Off-site to Disposal) | | | Total Releases in the State* |
|---------------|-------------------|------------------------------|--------------------------------|------------------|---------------------|---------------------------------|-----------------------------------|---|-----------------------------|-----------------------------|---------------------------------|
| | | <u>Underground Injection</u> | | | | <u>On-site Releases to Land</u> | | Transferred Into State | Transferred Within State | Transferred Out of State | |
| | | Air Emissions | Surface Water Discharges | Class I Wells | Class II-V Wells | RCRA Subtitle C Landfills | Other On-site Land Releases | | | | |
| | | Pounds | Pounds | Pounds | Pounds | Pounds | Pounds | Pounds | Pounds | Pounds | Pounds |
| 67-56-1 | Copper compounds | 4,523,145 | 5 | 0 | 0 | 0 | 15,036,297 | 49,730 | 24,894 | 12,670 | 19,634,071 |
| | Zinc compounds | 84,122 | 17 | 0 | 0 | 0 | 3,551,439 | 55,000 | 5,992 | 4,425 | 3,696,570 |
| | Methanol | 1,720,236 | 0 | 0 | 0 | 0 | 125,909 | 0 | 0 | 0 | 1,846,145 |
| | Lead compounds | 47,376 | 0 | 0 | 0 | 0 | 935,087 | 298 | 10,236 | 5,109 | 992,997 |
| | Arsenic compounds | 20,364 | 0 | 0 | 0 | 0 | 626,780 | 0 | 5 | 510 | 647,149 |

*The chemical ranking is based on the amounts in this column; these quantities exclude transfers out of state.



1997 TOXICS RELEASE INVENTORY

ARIZONA

Top Five Facilities for Total On-site Releases

| Facility / City, County | On-site Releases | | | | | | Total On-site Releases* | Off-site Releases (Transfers Off-site to Disposal) | |
|---|-----------------------|--------------------------|---------------|--------------------------|---------------------------|-----------------------------|-------------------------|---|--------------------------|
| | Underground Injection | | | On-site Releases to Land | | | | Transferred Within State | Transferred Out of State |
| | Air Emissions | Surface Water Discharges | Class I Wells | Class II-V Wells | RCRA Subtitle C Landfills | Other On-site Land Releases | | | |
| | Pounds | Pounds | Pounds | Pounds | Pounds | Pounds | Pounds | Pounds | Pounds |
| Cyprus Miami Mining Corp., Claypool, Gila | 206,800 | 0 | 0 | 0 | 0 | 19,210,200 | 19,417,000 | 0 | 0 |
| BHP Copper Metals Co., San Manuel, Pinal | 4,512,335 | 0 | 0 | 0 | 0 | 1,858,208 | 6,370,543 | 25 | 50 |
| Stone Container Corp., Snowflake, Navajo | 1,892,588 | 0 | 0 | 0 | 0 | 300,097 | 2,192,685 | 0 | 0 |
| ASARCO Inc., Hayden, Gila | 259,491 | 0 | 0 | 0 | 0 | 567,403 | 826,894 | 40 | 0 |
| Sea Ray Boats Inc., Phoenix, Maricopa | 202,000 | 0 | 0 | 0 | 0 | 0 | 202,000 | 0 | 0 |

*The facility ranking is based on the amounts in this column.

Top Five Facilities for Total Quantity Released On-site and Off-site

| Facility / City, County | Recycled On-site | Recycled Off-site | Energy Recovery On-site | Energy Recovery Off-site | Treated On-site | Treated Off-site | Quantity Released On- and Off-site* | Total Production-related Waste Managed | Total Non-Production-related Waste Managed |
|---|------------------|-------------------|-------------------------|--------------------------|-----------------|------------------|-------------------------------------|--|--|
| | Pounds | Pounds | Pounds | Pounds | Pounds | Pounds | Pounds | Pounds | Pounds |
| Cyprus Miami Mining Corp., Claypool, Gila | 0 | 480,000 | 0 | 0 | 0 | 0 | 19,396,800 | 19,876,800 | 800 |
| BHP Copper Metals Co., San Manuel, Pinal | 113,335,910 | 10,503,165 | 0 | 0 | 0 | 0 | 6,376,877 | 130,215,952 | 0 |
| Stone Container Corp., Snowflake, Navajo | 0 | 0 | 208,370 | 0 | 171,000 | 0 | 2,194,181 | 2,573,551 | 0 |
| ASARCO Inc., Hayden, Gila | 69,682,777 | 6,294,262 | 0 | 0 | 0 | 1,236,803 | 826,934 | 78,040,776 | 0 |
| Sea Ray Boats Inc., Phoenix, Maricopa | 0 | 0 | 0 | 0 | 0 | 0 | 202,000 | 202,000 | 0 |

* The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.

For More Information...

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